

ANALOG AUDIO SWITCH MATRIX MODEL 816-OP/B



The AVS-816 has eight options to configure the unit to be Analog, SD/SDI or HD/SDI for Video and Audio. The audio can be configured for AES or Analog. The 816-OP/B is the analog audio plug-in board. The AVS-816 chassis and the 816-OP/B board make up an audio only switcher. Combining the 816-OP/A and 816-OP/B, configures a 16X1 analog video with audio follow switcher.

You must select the video matrix and audio matrix to make up the desired switcher format. You have the choice of analog, SD/SDI or HD/SDI video or analog or AES audio.

The SD/SDI video has one SD/SDI output and one analog video output for monitoring. The AES has one AES output and one analog audio output for monitoring purpose.

Software is supplied with all AVS series to control up to 32 switchers from a single computer. See data sheets for the AVS-816/SA analog switcher and AVS-816/SD for SD/SDI system switcher. A remote control is available for the unit, model PSR-816. The plug-in choices are;

- AVS-816, Chassis, power supply and motherboard
- 816-OP/A, Analog video matrix, 16X1, two outputs
- 816-OP/B, Analog audio matrix, 16X1, two outputs**
- 816-OP/C, SD SDI video matrix, 16X1, one SD SDI and one analog
- 816-OP/D, AES audio matrix, 16X1, one AES and one analog
- 816-OP/E, AES rear panel for Weco 3-pin connectors
- 816-OP/F, AES rear panel for BNC connectors
- 816-OP/G, GPI option
- 816-OP/HD, HD/SD SDI video matrix, 16X1, two outputs

Customer selects the above desired options, and the factory configures to your requirement.

MODEL 816-OP/B ANALOG AUDIO SWITCHING MATRIX

SPECIFICATIONS

ANALOG AUDIO INPUTS:

Number: 16 Stereo
Impedance: 20K Ω , bridging
Configuration: Balanced Diff.
Max. Level: +24dBu

ANALOG OUTPUTS:

Number: One, stereo 3 pin conn.
Level: Unity.
Impedance: 66 Ω , \pm 5%
Freq. Resp.: \pm 0.02dB, 20 to 20KHz
Insertion Gain: \pm 0.05dB
Slew Rate: >30V/ μ S Balanced
S/N Ratio: >100dB A WTD +8dBu
THD: <0.004% @ 20KHz
Crosstalk: 95dB @ 20KHz
Output DC Offset: <10mV
CMR: >80dB @ 2-KHz
Output Isolation: >100dB @ 20KHz

MECHANICAL:

Size:
Height: 1.375 "
Width: 6.25"
Depth: 7.0"
Weight: 8.5 oz

ENVIRONMENTAL:

Temperature: 0° to 50° C, ambient
Humidity: 0% to 90% non-condensing

POWER:

Input: 120/240 VAC \pm 10% 50/60 Hz
Power: 8 VAR



When configured, the chassis should look like this photo

Ordering Information

AVS-816 Chassis
816-OP/A, Analog Video Mstrix
816-OP/B, Analog Audio Matrix
816-OP/C, SD/SDI Video Matrix
816-OP/D, AES Audio Marix
816-OP/E, AES Balanced Connector Panel
816-OP/F, Unbalanced BNC Connector Panel
816-OP/G, GPI Option
816-OP/HD, HD/SD SDI Video Matrix

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